

CLAIMS:

1. A food delivery container to be heated by a magnetic induction heater and to hold food items to be delivered, the food delivery container comprising:

a first induction-heatable body; and

5 a second induction-heatable body extending generally transversely to the first induction-heatable body, wherein each induction-heatable body includes - a plurality of layers of a magnetic induction-heatable material, and a heat retentive material located between adjacent layers of the magnetic induction-heatable material, wherein the heat
10 retentive material is operable to serve as a heat sink upon magnetic induction heating of the layers of the magnetic induction-heatable material.

2. The food delivery container as set forth in claim 1, the food delivery
15 container further including an inner space subdivided into several compartments for carrying several discrete food items.

3. The food delivery container as set forth in claim 1, further including a bag adapted to substantially insulate and facilitate carrying the food delivery container.
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4. The food delivery container as set forth in claim 1, further including an RFID tag operable to communicate information to an RFID tag reader in order to regulate heating of the horizontal and vertical magnetic-induction-heatable bodies.

25 5. The food delivery container as set forth in claim 1, further including a thermal switch coupled with the horizontal and vertical induction-heatable bodies for use in regulating heating thereof .

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6. A food delivery system comprising:
a magnetic induction heater; and
a food container operable to be heated by the magnetic induction heater and to
hold food items to be delivered, the food container including -
5 an outer box,
an inner box received within the outer box, and
an induction-heatable body that can be heated by the magnetic
induction heater, the induction-heatable body including -
a plurality of magnetic induction-heatable layers, and
10 a heat retentive material located between adjacent
ones of the magnetic induction-heatable
layers, with the heat retentive material
operable to serve as a heat sink upon
magnetic induction heating of the layers by
15 the magnetic induction heater.

7. The food delivery system as set forth in claim 6, the food container further
including a plurality of divider walls for subdividing the inner box into several
compartments for carrying several discrete food items.

8. The food delivery system as set forth in claim 6, further including a bag for
receiving, insulating, and carrying the food container.

9. The food delivery system as set forth in claim 6, the inner box including a
25 thermal switch coupled with the induction-heatable body for use in regulating heating of
the induction-heatable bodies.

10. The food delivery system as set forth in claim 6, the magnetic induction
heater further including an RFID tag reader, and the food container further including an
30 RFID tag that may be read by the RFID tag reader.

11. The food delivery system as set forth in claim 6, further including a control
system for controlling operation of the magnetic induction heater with information
received from the RFID tag as read by the RFID tag reader.

12. A food delivery system comprising:
a magnetic induction heater; and
a food container operable to be heated by the magnetic induction heater and to
hold food items to be delivered, the food container including -
5 an outer box, and
an inner box received within the outer box and including a
horizontally-extending induction-heatable body and a
vertically-extending induction-heatable body that can be
heated by the magnetic induction heater.
- 10 13. The food delivery system as set forth in claim 12, wherein the induction-
heatable bodies each include -
a plurality of magnetic induction-heatable layers, and
a heat retentive material located between adjacent ones of the magnetic
15 induction-heatable layers, with the heat retentive material operable to
serve as a heat sink upon magnetic induction heating of the layers by the
magnetic induction heater.
- 20 14. The food delivery system as set forth in claim 12, the food container further
including a plurality of divider walls for subdividing the inner box into several
compartments for carrying several discrete food items.
- 25 15. The food delivery system as set forth in claim 12, further including a bag
for receiving, insulating, and carrying the food container.
16. The food delivery system as set forth in claim 12, the inner box including
a thermal switch coupled with the induction-heatable bodies for use in regulating heating
of the induction-heatable bodies.
- 30 17. The food delivery system as set forth in claim 12, the magnetic induction
heater further including an RFID tag reader, and the food container further including an
RFID tag that may be read by the RFID tag reader.

18. The food delivery system as set forth in claim 12, further including a control system for controlling operation of the magnetic induction heater with information received from the RFID tag as read by the RFID tag reader.

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19. A food delivery system comprising:
a magnetic induction heater;
an RFID tag reader;
a food container operable to be heated by the magnetic induction heater and to
5 hold food items to be delivered, the food container including -
an outer box,
an RFID tag operable to communicate information to the RFID tag
reader, and
an inner box received within the outer box and including a
10 horizontally-extending induction-heatable body and a
vertically-extending induction-heatable body, wherein the
induction-heatable bodies each include a plurality of
magnetic induction-heatable layers and a heat retentive
material located between adjacent ones of the magnetic
15 induction-heatable layers, with the heat retentive material
operable to serve as a heat sink upon magnetic induction
heating of the layers by the magnetic induction heater; and
a control system for controlling operation of the magnetic induction heater using
information communicated by the RFID tag to the RFID tag reader.
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20. The food delivery system as set forth in claim 19, the food container further
including a plurality of divider walls for subdividing the inner box into several
compartments for carrying several discrete food items.
21. The food delivery system as set forth in claim 19, further including a bag
25 for receiving, insulating, and carrying the food container.
22. The food delivery system as set forth in claim 19, the inner box including
a thermal switch coupled with the induction-heatable bodies for use in regulating heating
30 of the induction-heatable bodies.